

ABSTRACT OF THE DISCLOSURE

An infection preventive or therapeutic agent and food are disclosed, which contain as an active ingredient an anion exchange resin adsorption fraction of a mixture obtained by mixing a hot water extract of mycelia of basidiomycetes belonging to the genus *Tricholoma*, in particular the *Tricholoma matsutake* FERM BP-7304 strain, with an alkaline solution extract of a mycelia residue when the mycelia hot water extract is obtained. The anion exchange resin adsorption fraction has a carbohydrate content of 60% to 72% in glucose equivalent determined by a phenol-sulfuric acid method and (b) a protein content of 28% to 40% in albumin equivalent determined by a copper-Folin method. Methods of preventing or treating infection(s) with a pathogenic micro-organism by the use of the preventive or therapeutic agent and food are also disclosed.